•	Customer Service Window
	Mail Stop Assignment Recordation Services
R	Randolph Building
Ň	401 Dulany S_eet
1	Alexandria, VA [*] 22314

01-05-2007

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REC 10	3357017 _{ET}	. РТО 85
	sioner of Patents and Trademarks: original documents or copy thereof.	4 U.S 6448
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)	11/
Chang-Wook MOON,	Name: SAMSUNG ELECTRONICS CO)., LTD.
El Mostafa BOURIM,	Street Address: 416 Maetan-dong, Yeong	gtong-gu
Sung-Jin LEE, and	City: Suwon-si State: Gyeonggi-do	
Seung-Woon LEE	Country: Republic of Korea	
Additional name(s) of conveying party(ies) attached?	Additional name(s) & address(es) attached?] YES 🔀 NO
3. Nature of conveyance:		
Assignment Merger Security Agreement		
Change of Name Other:	-	
Execution Date: 12/15/2006, 12/15/2006, 12/15/2006, and 12/15/2006	d	
If this document is being filed together with a new application 12/15/2006, and 12/15/2006 A. Patent Application No(s).	B. Patent No.(s).	
Additional numbers a		
Name and address of party to whom correspondence concerning document should be maile	FF F	One (1)
Name: HARNESS, DICKEY & PIERCE, P.L.C.	7. Total fee (37 C.F.R. § 3.41): \$40.00	
Street Address: P.O. BOX 8910	Enclosed	
City: RESTON State: VA ZIP: 20195	Authorized to be charged to deposit account if no fee attached .	int,
Country: USA	8. Deposit account number: <u>08-0750</u>	
	(Attach triplicate copy of this pairs if paying by deposit account)	
	USE THIS SPACE	
 Statement and signature. To the best of my knowledge and belief, the foregoin copy of the original document. <u>John A. Castellano, Reg. No. 35,094</u> Name of Person Signing/Reg. No. 	Decembe	copy is a true e <u>r 26, 2006</u> Datc
Total number of pages including	cover sheet, attachments, and document:	

PATENT REEL: 018744 FRAME: 0071

Atty. Docket No. 2557-000544/US

ASSIGNMENT

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

SURFACE ELECTRON EMISSION DEVICE ARRAY AND THIN FILM TRANSISTOR INSPECTION SYSTEM USING THE SAME

for which Assignor is about to make or has made United States or international application for patent

(a)	\boxtimes	executed on even date preparatory to filing (each inventor should sign	n
		this Assignment on the same day as he/she signs the Declaration and	d
		Power of Attorney);	

- (c) [______filed on ______, and assigned Serial No. ______ or PCT international Application No. _____;
- (d) U.S. Patent No. ____, issued ____; and

WHEREAS, Samsung Electronics Co., Ltd., 416, Maetan-Dong, Yeongtong-Gu, Suwonsi, Gyeonggi-do, Republic of Korea, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged. Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Parls Convention, and any foreign countries, to the said invention as described in the aforesaid application, said application for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to Issue said Lettere Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or inventor's Certificate to Assignee.

The undersigned hereby grant(s) the law firm of Harness, Dickey & Plerce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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PATENT REEL: 018744 FRAME: 0072

Atty. Docket No. 2557-000544/US

ASSIGNMENT

" Nac Chang-Wook MOON

Dec/15/2006

Dated

Born

El Mostafa BOURIM

Dec/15/2006

Dated

Sung-JIN LEE

Dec/15/2006 Dated

Sulce

Soung-Woon LEE

Dec/15/2006

Dated

Page 2 of 2

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PATENT REEL: 018744 FRAME: 0073

RECORDED: 12/26/2006